

Daniel H Roth

Education

Bachelors of Fine Art in Industrial Design

The Cleveland Institute of Art | 2022 - 2023

"Under Pressure" Workshop with Vivian Beer

Anderson Ranch | August 2017

- Received the Executive Director's Scholarship to attend Beer's two week specialized workshop
- Learned advanced Rhino 5 design techniques, how to operate a 25-ton hydraulic press to form compound curves on sheet / plate steel and steel inflation

Bachelors of Fine Art in Sculpture

The Cleveland Institute of Art | 2010 - 2015

Digital Skills

Rhino 7, Fusion 360, Solidworks, Keyshot, Gravity Sketch, Procreate, Sketchbook Pro, Photoshop, Illustrator, InDesign, Microsoft Office, Working Knowledge of Mac OS and Windows Operating Systems

Specialty Techniques and Tooling

Model making / prototyping, 3 Axis ShopBot CNC, CNC Plasma Cutter, Leica 3D Disto, TIG Welding, MIG Welding, Basic Machining (Machine Lathe and Mill), Hydraulic Press and tooling, Pipe bender, Inflating Steel, Slip Roller, Jig Building, Slip casting, Mold making

Awards

2023

The Christopher Gentner Creativity Award - SIE 77
Board Honorable Mention with Distinction - SIE 77

2022-2023

Provost Scholarship at The Cleveland Institute of Art

2017

Executive Director's Scholarship - Anderson Ranch
Artist Choice 2017 SculptureX Symposium Exhibition

2015

Hal and Cyndy Goodwin Award - 2nd Place SIE 69

2013

John Jackson '77 Memorial Scholarship

2010-2015

Provost Scholarship at The Cleveland Institute of Art

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Professional Experience

Designer and Project Manager

Hans Noble Design | September 2019 - August 2022

- Responsible for communication with clients, taking measurements, and working through ideas in 3D using Rhino 7 regarding function and fabrication
- Created full sets of shop drawings for in-house fabrication and out-sourced production
- Placed orders for materials and coordinated with fabricators to ensure products are delivered on time and within budget
- Installed complicated pieces to ensure quality and customer satisfaction

Workshop Assistant

Vivian Beer Studio Works | July 2018 | June 2019

- Assisted with 2 week Digital Design and Fabrication course called "Design and Fabulous"
- Was responsible for helping students design in Rhino 5, cut parts with in-house CNC plasma cutter, manipulate material through traditional metal working techniques, as well as assembly.

Technical Specialist

The Cleveland Institute of Art | August 2015 - September 2019

- Responsible for overseeing a wood shop, metal shop, plastic shop, machining room, plaster room, oil clay room, spray mount room, and spray paint booth
- Developed and taught "Safety Labs" to students to ensure proper and safe operation of table saw, miter saw, band saw, etc.
- Demos of more advanced processes such as TIG welding and CNC routing

Associate

Heights Hardware | May 2013 - September 2019

- Worked with customers to assess needs and problem solve solutions to ensure proper and safe repair
- Management of supply chain inventory, forecasting profit margins, and organizing store displays